



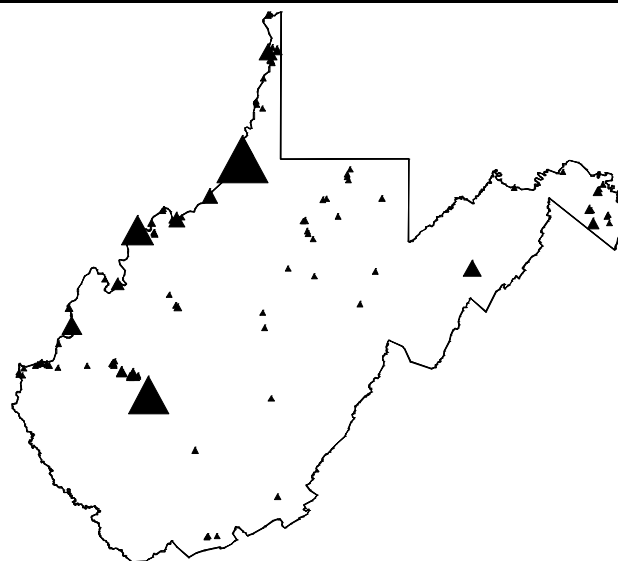
# 1997 TOXICS RELEASE INVENTORY

# WEST VIRGINIA

## State/TRI Data

Population	1,815,231
Square Miles	24,087
Total Facilities	139
Total Forms	680
Form As	38

<b>National Rank for Total On- and Off-site Releases</b> <i>(includes transfers out-of-state for disposal)</i>	
Rank	31
Pounds	24,770,942
<b>National Rank for Total On-site Releases</b> <i>(includes quantities released at the facility; excludes quantities transferred to other sites for disposal)</i>	
Rank	31
Pounds	20,823,250
<b>National Rank for Total Releases within State</b> <i>(excludes transfers out-of-state for disposal)</i>	
Rank	32
Pounds	23,246,787
<b>National Rank for Production-related Waste Managed</b>	
Rank	26
Pounds	313,800,240



The largest triangle appearing in the state map represents the largest facility for on-site releases in the state of West Virginia. All triangles are proportionally-sized to represent the amounts of releases at each facility within this state.

## Reported Releases and Waste Management Activities

	Pounds
On-site Releases	20,823,250
Air Emissions	13,979,963
Surface Water Discharges	6,771,631
Underground Injection Class I Wells	0
Underground Injection Class II-V Wells	0
On-site Land Releases to RCRA Subtitle C Landfills	1,049
Other On-site Land Releases	70,607
Off-site Releases (Transfers Off-site to Disposal)	3,947,692
<b>Total On- and Off-site Releases</b>	<b>24,770,942</b>
Recycled On-site	116,453,349
Recycled Off-site	7,263,396
Energy Recovery On-site	41,657,129
Energy Recovery Off-site	6,224,775
Treated On-site	110,528,227
Treated Off-site	6,956,661
Quantity Released On- and Off-site <i>(excludes non-production-related releases; e.g. releases due to catastrophic events or remedial actions)</i>	24,716,703
<b>Total Production-related Waste Managed</b>	<b>313,800,240</b>
<b>Total Non-production-related Waste Managed</b>	<b>39,469</b>

## Top Five Chemicals for Total Releases In State

CAS Number	Chemical	On-site Releases						Off-site Releases (Transfers Off-site to Disposal)			Total Releases in the State*
		<u>Underground Injection</u>				<u>On-site Releases to Land</u>		Transferred Into State	Transferred Within State	Transferred Out of State	
		Air Emissions	Surface Water Discharges	Class I Wells	Class II-V Wells	RCRA Subtitle C Landfills	Other On-site Land Releases				
		Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
108-88-3	Nitrate compounds	0	6,244,293	0	0	0	5	0	0	0	6,244,298
	Toluene	1,246,059	2,606	0	0	1,044	385	0	360	258,132	1,250,454
7647-01-0	Manganese compounds	13,722	53,751	0	0	0	71	3,210	1,045,132	86,739	1,115,886
	Hydrochloric acid	1,102,278	318	0	0	0	800	0	0	0	1,103,396
67-56-1	Methanol	1,060,320	36,984	0	0	0	25	0	0	1,003	1,097,329

\*The chemical ranking is based on the amounts in this column; these quantities exclude transfers out of state.



## 1997 TOXICS RELEASE INVENTORY

## WEST VIRGINIA

## Top Five Facilities for Total On-site Releases

Facility / City, County	On-site Releases						Total On-site Releases*	Off-site Releases (Transfers Off-site to Disposal)	
	Underground Injection			On-site Releases to Land				Transferred Within State	Transferred Out of State
	Air Emissions	Surface Water Discharges	Class I Wells	Class II-V Wells	RCRA Subtitle C Landfills	Other On-site Land Releases			
	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
Bayer Corp., New Martinsville, Marshall	305,250	3,206,967	0	0	0	404	3,512,621	11,980	7,255
Du Pont, Belle, Kanawha	289,886	2,412,000	0	0	0	0	2,701,886	0	488,600
Du Pont, Washington, Wood	1,874,017	179,717	0	0	0	0	2,053,734	646,299	5,157
Columbian Chemicals Co., Proctor, Marshall	1,110,000	0	0	0	0	0	1,110,000	0	0
Shell Chemical Co., Apple Grove, Mason	1,010,841	91,715	0	0	0	489	1,103,045	483	0

\*The facility ranking is based on the amounts in this column.

## Top Five Facilities for Total Quantity Released On-site and Off-site

Facility / City, County	Recycled On-site	Recycled Off-site	Energy Recovery On-site	Energy Recovery Off-site	Treated On-site	Treated Off-site	Quantity Released On- and Off-site*	Total Production-related Waste Managed	Total Non-Production-related Waste Managed
	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
Bayer Corp., New Martinsville, Marshall	0	36,902	2,167,832	198,059	4,341,821	12,081	3,526,606	10,283,301	1,700
Du Pont, Belle, Kanawha	610,000	0	1,369,258	300,179	5,915,700	173,811	3,188,676	11,557,624	0
Du Pont, Washington, Wood	26,006,460	661,635	0	0	28,983,882	97,811	2,701,441	58,451,229	475
Weirton Steel Corp., Weirton, Hancock	54,099	0	0	0	253,962	1,163,347	1,642,004	3,113,412	0
Columbian Chemicals Co., Proctor, Marshall	0	0	0	0	400,000	0	1,110,000	1,510,000	0

\* The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.

## For More Information...

**State Contact:**  
John W. Pack, Jr.  
(304) 558-5380  
Fax (304) 344-4538

**EPA Regional Contact:**  
Bill Reilly  
(215) 814-2072  
Fax (215) 814-3114

**To obtain TRI data use assistance, call TRI User Support Service (TRI-US):**  
(202) 260-1531  
Fax (202) 401-2347